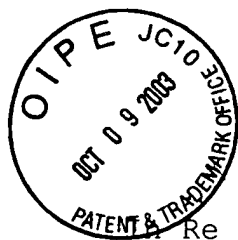


10-16-03 pages

1723/15



PATENT
Attorney Docket No. F 5816 (0360-0093)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Julie Moriarty, et al.

Serial No.: 10/066,311

Filed: February 2, 2002

Group Art No.: 1723

Examiner: Kim, Sun U

For: SHEAR-ENHANCED SYSTEMS AND
METHODS FOR REMOVING WASTE
MATERIALS AND LIQUID FROM
THE BLOOD

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: EV321708053US

Date of Deposit October 9, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office Box Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

NAME May I. Casimiro

SIGNATURE May I. Casimiro

Certificate of Mailing Under 37 CFR 1.10

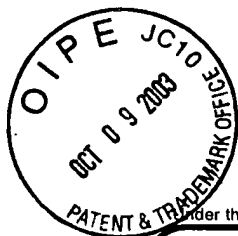
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that the correspondence listed below is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service, **Label No. EV321708053US** under 37 CFR 1.10 on **October 9, 2003** and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

1. Transmittal Form PTO/SB/21(1 sheet);
2. Supplemental Information Disclosure Statement (in duplicate, 2 sheets total);
3. IDS Form PTO/SB/08A (1 sheet);
4. Non-Patent Literature Reference;
5. \$180.00 IDS fee (check # 14764);
6. Certificate of Mailing (1 sheet); and
7. Return Receipt Postcard.

Name: May I. Casimiro

Signature: May I. Casimiro



Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

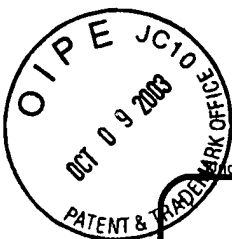
| | | | |
|--|-----------------------------|-------------------------------|-------------------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/066,311 | |
| | Filing Date | February 2, 2002 | |
| | First Named Inventor | Julie Moriarty, et al. | |
| | Group Art Unit | 1723 | |
| | Examiner Name | Kim, Sun U | |
| Total Number of Pages in This Submission | * | Attorney Docket Number | 1006.F-5816 (0360-0093) |

| ENCLOSURES <i>(check all that apply)</i> | | |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement and Form PTO/SB/08A <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> - \$180.00 check filing fee - 1 Prior Art - Non Patent Literature Reference - Certificate of Mailing - Return Receipt Postcard |
| Remarks By U.S. Postal Service Express Mail Label No. EV0321708053US | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--|
| Firm or Individual name | Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd. Gary W. McFarron, Esq. (Reg. No. 27,357) |
| Signature | |
| Date | October 9, 2003 |

| CERTIFICATE OF MAILING | | | |
|---|-----------------|-------------|-----------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as <input checked="" type="checkbox"/> Express mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <input type="text" value="October 9, 2003"/> | | | |
| Typed or printed name | May I. Casimiro | | |
| Signature | | Date | October 9, 2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/17 (11-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Compleat if Known

| | |
|----------------------|-------------------------|
| Application Number | 10/066,311 |
| Filing Date | February 2, 2002 |
| First Named Inventor | Julie Moriarty, et al. |
| Examiner Name | Kim, Sun U |
| Group Art Unit | 1723 |
| Attorney Docket No. | 1006.F-5816 (0360-0093) |

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 50/1039
Deposit Account Name: Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☒ Charge fee(s) indicated below, except for the filing fee any to the above identified deposit account, underpayment of fee

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------|---------------|------------------------|----------|
| Fee Code (\$) | Fee Code (\$) | | |
| 101 740 | 201 370 | Utility filing fee | |
| 106 330 | 206 165 | Design filing fee | |
| 107 510 | 207 255 | Plant filing fee | |
| 108 740 | 208 370 | Reissue filing fee | |
| 114 160 | 214 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims | -20** = | X | = |
| Independent Claims | -3** = | X | = |
| Multiple Dependent | | | = |

| Large Entity | Small Entity | Fee Description |
|---------------|---------------|--|
| Fee Code (\$) | Fee Code (\$) | |
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 84 | 202 42 | Independent claims in excess of 3 |
| 104 280 | 204 140 | Multiple dependent claim, if not paid |
| 109 84 | 209 42 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------------------------------|---------------|--|----------|
| Fee Code (\$) | Fee Code (\$) | | |
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for ex parte reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 400 | 216 200 | Extension for reply within second month | |
| 117 920 | 217 460 | Extension for reply within third month | |
| 118 1,440 | 218 720 | Extension for reply within fourth month | |
| 128 1,960 | 228 980 | Extension for reply within fifth month | |
| 119 320 | 219 160 | Notice of Appeal | |
| 120 320 | 220 160 | Filing a brief in support of an appeal | |
| 121 280 | 221 140 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,280 | 241 640 | Petition to revive - unintentional | |
| 142 1,280 | 242 640 | Utility issue fee (or reissue) | |
| 143 460 | 243 230 | Design issue fee | |
| 144 620 | 244 310 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 180 | 126 180 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 740 | 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 740 | 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 740 | 279 370 | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | Request for expedited examination of a design application | |
| Other fee (specify) Supplemental IDS | | | 180.00 |

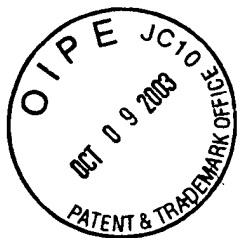
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180.00

SUBMITTED BY

| | | | | | |
|-------------------|------------------------|-----------------------------------|-----------------|-----------|----------------|
| Name (Print/Type) | Gary W. McFarron, Esq. | Registration No. (Attorney/Agent) | 27,357 | Telephone | (312) 236-8500 |
| Signature | | Date | October 9, 2003 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PATENT

Attorney Docket No. 1006.F-5816 (0360-0093)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Julie Moriarty, et al.

Serial No.: 10/066,311

Filed: February 2, 2002

Group Art No.: 1723

Examiner: Kim, Sun U.

For: SHEAR-ENHANCED SYSTEMS AND
METHODS FOR REMOVING WASTE
MATERIALS AND LIQUID FROM
THE BLOOD

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: EV0321708053US

Date of Deposit October 9, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office Box Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

NAME May I. Casimiro

SIGNATURE

May I. Casimiro

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.97, Applicant hereby calls the Examiner's attention to the document listed on the attached form, which document may be material to the examination of this application. A copy of the document is enclosed herewith for the Examiner's consideration.

No inference should be drawn that any apparatus or method disclosed is equivalent to the subject invention.

The citation of this document is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be construed

10/16/2003 MBELETE1 00000034 10066311

01 FC:1806

180.00 OP

as an admission that any subject matter disclosed in the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicant also respectfully reserves the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of the documents discussed herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

This Supplemental Information Disclosure Statement is being filed after the mailing date of a first Office Action on the merits but before a final action or an action that closes prosecution. Accordingly, a check is enclosed for the amount of \$180.00, the fee for the submission of this Information Disclosure Statement. If any additional fee is required, then authorization is hereby given to charge that amount to Deposit Account 50-1039. (A duplicate of this document is enclosed herewith.)

Respectfully submitted,

Date: October 9, 2003

By: 

Gary W. McFarron, Esq.
Registration No. 27,357
Cook, Alex, McFarron, Manzo,
Cummings & Mehler, Ltd.
200 West Adams St., Suite 2850
Chicago, IL 60606
Phone: (312) 236-8500
Fax: (312) 236-8176
Attorneys for Applicant

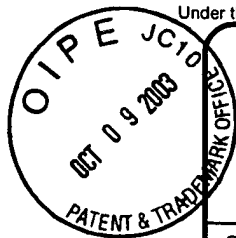
+

+

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Complete if Known

| | |
|-------------------------------|------------------------|
| Application Number | 10/066,311 |
| Filing Date | February 2, 2003 |
| First Named Inventor | Julie Moriarty, et al. |
| Group Art Unit | 1723 |
| Examiner Name | Kim, Sun U |
| Attorney Docket Number | F-5816 (0360-0093) |

(use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

[illegible]Date
Considered

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.